

FUEL RAIL ASSEMBLY AND FORMING METHOD

ABSTRACT OF THE DISCLOSURE

FIG. 1

A fuel rail assembly for supplying fuel to a plurality of fuel injectors in an engine is provided. This assembly ~~comprise~~comprises an elongated conduit having a longitudinal fuel passage therein, a fuel inlet pipe fixed to an end or a side of the conduit, and a plurality of branch pipes. The ~~former~~basal end of each branch pipe is adapted to communicate with the fuel passage. The ~~rear~~distal end of each branch pipe is provide with a connecting member for ~~receiving~~connecting to a tip of a fuel injector. The wall of the conduit is provided with holes for receiving the ~~former~~basal ends of the branch pipes. Around each hole an inner collar and an outer collar are integrally formed with the conduit wall, and each branch pipe is fixed to the collars by brazing or welding. The drilling work is performed by a special drilling tool.